Lifestyle Indices - Pollen Index - v2

Domain Portfolio: Forecast | Domain: Lifestyle - Indices | Usage Classification: Standard

Geography: Global **Attribution Required:** n/a **Attribution Requirements:** n/a

Your content licensing agreement with TWC determines the number of days returned in the API response and is constrained by the API Key that is provided to your company.

Overview

The Forecast Indices API is sourced from the TWC Forecast system. The Pollen index provides forecast indices for Grass, Ragweed, and Tree pollen.

HTTP Headers and Data Lifetime - Caching and Expiration

For details on appropriate header values as well as caching and expiration definitions, please see **The Weather Company Data | API Common Usage Guide**.

Translated Fields:

This TWC API handles the translation of phrases. However, when formatting a request URL a valid language must be passed along (see the language code table for the supported codes).

- dayPartName
- grassPollenCategory
- ragweedPollenCategory
- treePollenCategory

URL Construction

Atomic API URL Examples:	
Pollen Index - Daypart API	
Request by Geocode (Latitude & Longitude): Required Parameters: geocode, language, format https://api.weather.com/v2/indices/pollen/daypart/<duration>?**geocode=33.74,-84.39**&language=en-US&format=<json>&**apiKey=yourApiKey**	**Aggregate Product Name**
https://api.weather.com/v2/indices/pollen/daypart/3day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxPollenDaypart3
https://api.weather.com/v2/indices/pollen/daypart/5day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxPollenDaypart5
https://api.weather.com/v2/indices/pollen/daypart/7day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxPollenDaypart7
https://api.weather.com/v2/indices/pollen/daypart/10day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxPollenDaypart10
https://api.weather.com/v2/indices/pollen/daypart/15day?geocode=33.74,-84.39&language=en-US&format=json&apiKey=**yourApiKey**	v2idxPollenDaypart15
Request by Postal Code: Required Parameters: postalCode, countryCode, language, format https://api.weather.com/v2/indices/pollen/daypart/<duration>?**postalCode=94608**&**countryCode=US**&format=<json>&language=en-US&**apiKey=yourApiKey**	**Aggregate Product Name**
https://api.weather.com/v2/indices/pollen/daypart/3day?postalCode=94608&countryCode=US&format=json&language=en-US&apiKey=**yourApiKey**	v2idxPollenDaypart3

Data Elements & Definitions

API Name	Field Name	Description	Type	Range	Sample	Nulls	Usage

						Allowed	
Repeating Elements: Unique to Forecast							
	fcstValid	Time forecast is valid ... start of the forecast period, always 7am local time.	[epoch]		1369306800	N	Display As Provided
	fcstValidLocal	Time forecast is valid ... start of the forecast period, always 7am local time.	[ISO]		2013-05-23T07:00:00-0400	N	Display As Provided
Repeating Elements: Common Per Time Segment							
	num	Daypart Segment (12hour) - Sequential daypart number, where 1 = daytime of Day 0	[integer]		21	N	Display As Provided
	dayInd	Day / Night Indicator	[string]	D, N	D	N	Display As Provided
	daypartName	Name of 12hr daypart, not including day names in first 48hrs	[string]		Tomorrow	N	Display As Provided
Atomic Indices							
Pollen Index	grassPollenCategory	Descriptive text of Grass Pollen Index	[string]		Low	N	Display As Provided
	grassPollenIndex	Forecast Grass Pollen Index. 0=none / out of season, 1=low, 2=moderate, 3=high, 4=very high	[integer]	0-4	1	N	Display As Provided
	ragweedPollenCategory	Descriptive text of Ragweed Pollen Index	[string]		Low	N	Display As Provided
	ragweedPollenIndex	Forecast Ragweed Pollen Index. 0=none / out of season, 1=low, 2=moderate, 3=high, 4=very high	[integer]	0-4	1	N	Display As Provided
	treePollenCategory	Descriptive text of Tree Pollen Index	[string]		Low	N	Display As Provided
	treePollenIndex	Forecast Tree Pollen Index. 0=none / out of season, 1=low, 2=moderate, 3=high, 4=very high	[integer]	0-4	1	N	Display As Provided

JSON Sample

JSON Sample - Daypart


```
{"metadata": {},
"pollenForecast12hour": {
"fcstValid": [],                {//JSON payload},
"fcstValidLocal": [],           {//JSON payload},
"dayInd": [],                   {//JSON payload},
"num": [],                      {//JSON payload},
"daypartName": [],              {//JSON payload},
"grassPollenIndex": [],         {//JSON payload},
"grassPollenCategory": [],      {//JSON payload},
"treePollenIndex": [],          {//JSON payload},
"treePollenCategory": [],       {//JSON payload},
"ragweedPollenIndex": [],       {//JSON payload},
"ragweedPollenCategory": []     {//JSON payload},
}}
```